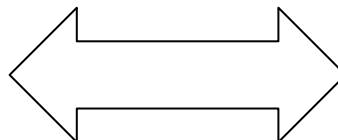


DEFINING KEY CONCEPTS:
HEALTH INFORMATION TECHNOLOGY (HIT) AND HEALTH INFORMATION EXCHANGE

	Health Information Technology (HIT)	Health Information Exchange (HIE)
Shorthand	<i>Storing and managing information within an organization or between partners.</i>	<i>Exchanging information beyond a single organization and its major partners.</i>
Description	The use of information and communication technology in healthcare. Includes, but is not limited to: electronic health records, personal health records, e-mail communication, clinical alerts and reminders, computerized provider order entry, computerized decision support systems, hand-held computers, information resources, and electronic monitoring systems (Source: Agency for Healthcare Research and Quality).	The mobilization of health care information electronically across organizations within a region or community. HIE provides the capability to electronically move clinical information between disparate health care information systems while maintaining the meaning of the information being exchanged. The goal of HIE is to facilitate access to and retrieval of clinical data to provide safer, more timely, efficient, effective, equitable, patient-centered care (eHealth Initiative).
Characteristics	<ul style="list-style-type: none"> ✗ Typically defined, designed and implemented to serve the needs of an entity or organization. ✗ Benefit and funding generally relate to specific organizations and their customers. ✗ Products may be part of the HIE. 	<ul style="list-style-type: none"> ✗ Includes multiple senders and receivers of data ('many to many' relationships). ✗ Typically focuses on improving cross organizational communications and access to patient information. ✗ Multiple beneficiaries and value propositions. ✗ Shared infrastructure. ✗ Public-private partnership. ✗ Typically no participant can meet needs independently; "The whole is greater than the sum of its parts."
Examples	<ul style="list-style-type: none"> ✗ Physician practice EMR system ✗ Practice management system ✗ Electronic prescribing ✗ Laboratory system ✗ Hospital computerized provider order entry (CPOE) 	<ul style="list-style-type: none"> ✗ Delivery of results and reports ✗ Ambulatory orders from physician practices ✗ Referrals and consults ✗ Secure messaging ✗ Historical patient record access

HIT SUPPORTS HIE

- ✗ Internal applications generate results for HIE
- ✗ Orders and referrals received and processed by internal systems



HIE SUPPORTS HIT

- ✗ Clinical information from external sources
- ✗ Organization's clinical information to other providers
- ✗ Electronic, community-wide referrals and orders